

Work Order ID **92638**

**\*92638\***

Page 1

November-06-12 12:25:53 PM

Item ID: D3912-1 Accept **\*N9000040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Eyebolt

Start Date: 11/06/12 Start Qty: 12.00 **\*12\***  
 Required Date: 11/16/12 Req'd Qty: 12.00 **\*12\***

Cust Item ID:  
 Customer:

Reference:

Approvals: Process Plan: MLJ Date: 12-11-07 Tooling: Date:   
 QC: Date: SPC (Y/N): Date: Run Start **\*NR1\***  
 Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3912	B								
100		0.00							
<b>*100*</b>									
Doosan	Memo	0.00							
Doosan Lathe	TURN AS PER FOLIO FA871 AND DWG								
	Prog Rev: <u>RA</u>								
	Dwg Rev: <u>72</u>								
	Deburr as required								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
<b>*110*</b>									
QC	Memo	0.00							
Quality Control									

*20 2-11-28 13*

*20 2-11-28 13*

*DAS 04 9-89*

*DAS 04 9-89*

# Work Order ID 92638

**\*92638\***

Page 2

November-06-12 12:25:33 PM

Item ID: D3912-1

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: Eyebolt

Start Date: 11/06/12 Start Qty: 12.00

**\*12\***

Cust Item ID:

Required Date: 11/16/12 Req'd Qty: 12.00

**\*12\***

Customer:

Reference:

Run Start

**\*NR1\***

Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop

**\*NR2\***

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120

QC8- Inspect parts - second check

0.00

**\*120\***

QC

Memo

0.00

Quality Control

*OK 12/1/30*

*13*

*12*

*QAS  
14  
5-8*

130

Identify as per dwg & Stock Location: *ST144*

0.00

**\*130\***

Packaging

Memo

0.00

Packaging

*13*

*12/11/30 JB*

140

QC21- Final Inspection - Work Order Release

0.00

**\*140\***

QC

Memo

0.00

Quality Control

*12/12/30*

*ME  
12-11-30*

# Picklist Print

November-06-12 12:25:33 PM

Page 1

Work Order ID: 92638

Parent Item: D3912-1

Parent Item Name: Eyebolt

Start Date: 11/06/12

Required Date: 11/16/12

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP RevA: New issue DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M303R2.000		Purchased	No			100	f	26.5820	0.25	3.1578948			
303 ROUND BAR 2"													

## Location

MAT029

116656

116700

121846

122682

## Loc Qty

26.582

1.427

0.354

1.486

23.315

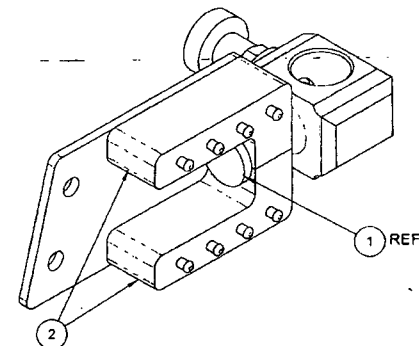
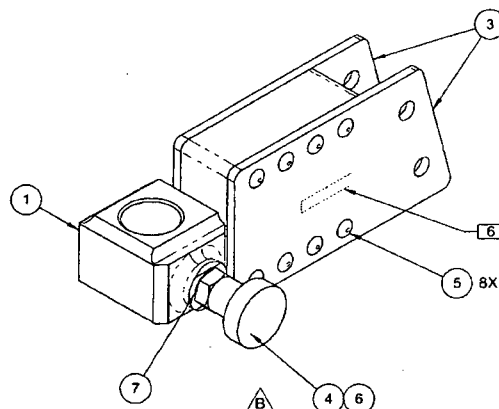
## Loc Code

04  
8-89

*Handwritten notes and signatures:*  
~~2.39~~  
 3047  
 12/11/29



ITEM	QTY	P/N	DESCRIPTION
	X	D3912-041	EYEBOLT RECEIVER ASSY
1	1	D3912-1	EYEBOLT
2	2	D3912-3	EYEBOLT BLOCK
3	2	D3912-5	EYEBOLT PLATE
4	1	D3801-1	SPRING PLUNGER
5	8	MS20515-4M20	RIVET
6	1	MS21209-F615	HELICAL
7	1	NAS1149F0332P	WASHER



**SUPPLEMENTAL ISO VIEW**  
(EYEBOLT PLATE REMOVED  
TO SHOW INTERIOR FEATURES)

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO REVISION

WITH NO. 92638 MLS  
W. 12-11-07

**RELEASED**  
2010-07-18

**D3912-041 EYEBOLT RECEIVER ASSY**

**NOTES:**

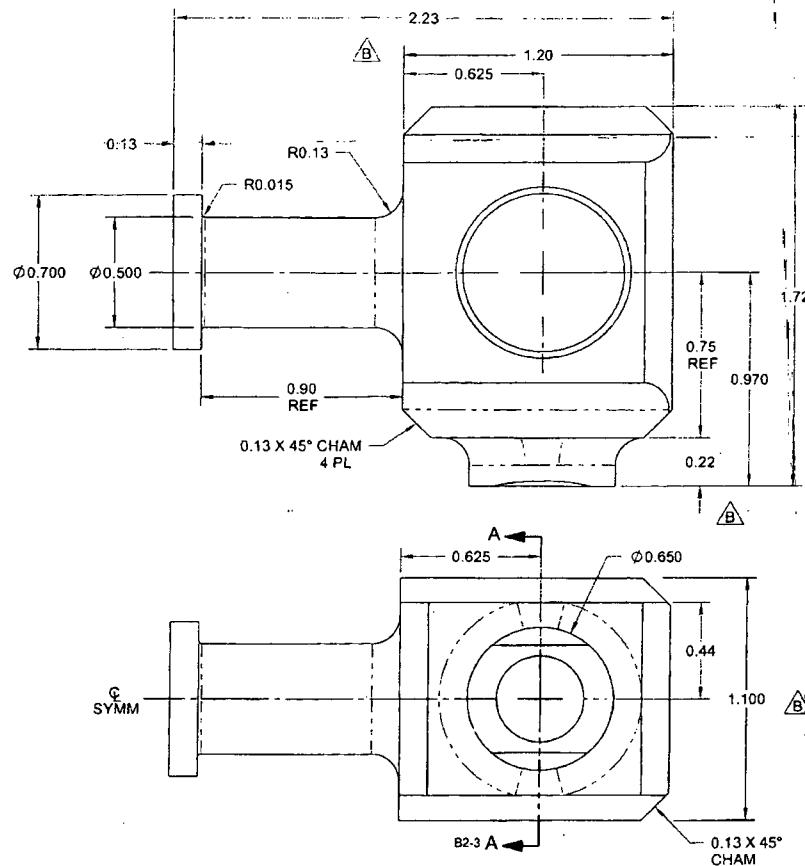
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N D3912-041 USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT -041: 1.58 lbs

B	D3801-1 WAS D3810-1 SPRING PLUNGER; D4028-041 RMV; MS21209-F615 WAS MS21209-C610 HELICAL; (1) WASHER NAS1149C0663R ADDED; BOSS ADDED TO D3912-1.	JPH	10.06.28
A	NEW ISSUE	JPH	10.03.04
REV.	DESCRIPTION	BY	DATE
DESIGN	1/5		
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.06.28		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D3912  
TITLE EYEBOLT RECEIVER ASSY  
REV. B  
SHEET 1 OF 3  
SCALE NTS

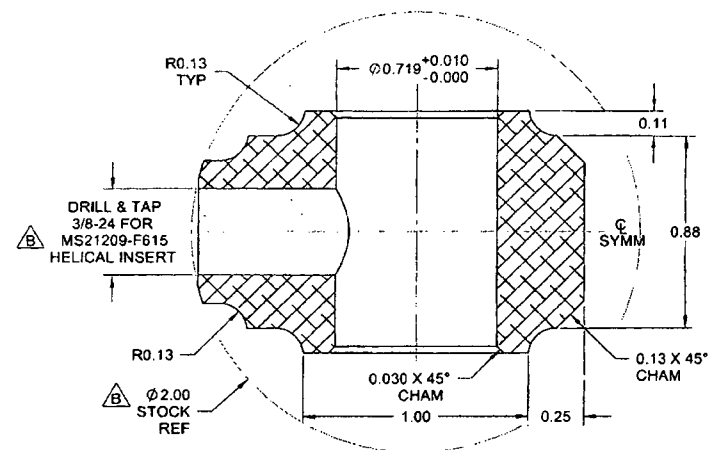
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### D3912-1 EYEBOLT

#### NOTES:

- 1) MATERIAL: 303/304/316 STAINLESS STEEL ROUND BAR, PER ASTM A276 OR ASTM A582  
REF DART SPEC M303R OR M304R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ID AT ASSEMBLY
- 7) WEIGHT: 0.45 lbs



### SECTION A-A 88-3

**RELEASED**  
2010-07-16

DESIGN	ASS	<b>DART AEROSPACE LTD</b>	
DRAWN	ASS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ASS	DRAWING NO.	REV. B
MFG. APPR.	ASS	D3912	SHEET 2 OF 3
APPROVED	ASS	TITLE	SCALE
DE APPR.	ASS	EYEBOLT RECEIVER ASSY	NTS
DATE	10.06.28	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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# Receiving Report

Date: 12-8-13

Batch No: 122682

Supplier: magna

Dart P/O: 17592

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☒ No ☐  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☒ N/A ☐  
 Waybill Attached: Yes ☐ No ☐ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☒  
 QC6 Inspection OK N/A ☒  
 Work Order 122682 N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

SP

Production/Admin: 12-8-13  
 Date  
 Received/Costing SP  
 Initial

Location MAT

# Purchase Order Receipt Listing

Monday, August 13, 2012 9:18:35 AM

All amounts are calculated in domestic currency

All Vendors PO ID PO17592 Receipt Dates from 8/13/2012 to 8/13/2012 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID/Vendor Name		VC-MAG002	Magna Stainless								
PO17592	2		M304R0.4375	f	8/3/2012	8/13/2012	48.0000	\$1.67	0.0000	0	\$80.08
CAD	No		304 ROUND BAR 0.4375 122682	f	48.0000	DESJ02		\$80.08	0.0000	0	
	3		M304R.250	f	8/3/2012	8/13/2012	48.0000	\$0.83	0.0000	0	\$40.04
	No		304 SS Round bar .250 122682	f	48.0000	DESJ02		\$40.04	0.0000	0	
	4		M303R2.000	Each	8/3/2012	8/13/2012	24.0000	\$27.94	0.0000	0	\$670.67
	No		303 ROUND BAR 2" f 122682		24.0000	DESJ02		\$670.67	0.0000	0	
	5		60400-25		8/3/2012	8/13/2012	1.0000	\$25.03	0.0000	0	\$25.03
	No		SURCHARGE ON CARBURANT 122682		1.0000	DESJ02		\$25.03	0.0000	0	

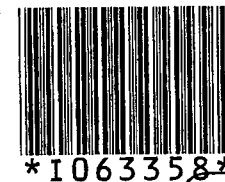
Total Received Quantity:	121.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$815.82
Total Balance Due Quantity:	0.0000





# Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3  
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105



## PACKING LIST

Page 1 of 1 I063358

SOLD TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

SHIP TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

### SPECIAL INSTRUCTIONS

STOCK  
SHIP WITH OTHER ORDER 70216

Contact: LINDA

Ship Terms: PREPAID

MTR:C

Currency		Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS		CHRISTINA ANTONIOU	(613) 632-5200	(613) 632-1053	PO17592	
Sales Order	Terms	Ship Via		Date Ordered	Date Required	Date Shipped
W070299	NET 30 DAYS	NIR:R-557065-1		08/01/12	08/13/12	08/13/12

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
4 ✓		PC	STAINLESS ROUNDS SRB 304 7/16" x R/L ✓			4
4 ✓		PC	SRB 304 1/4" x R/L ✓	L064928	24146	4
2 ✓		PC	SRB 303 2" x R/L ✓	L053358	J-906	4
			12'7" 24 LB / 4 PC			2
			12'2" 8 LB / 4 PC			2
			12'1" 256 LB / 2 PC	L059510	C-132	
SURCHARGE SUR CARBURANT SHIP WITH ORDER W 70216 ENTERED BY JENN FOR CHRISTINA 304 BAR SPEC MUST BE PER ASTM A276						
88 12-8-13						
Bundles: 1						Approx Weight: 288 LB

Received by:

Date:

Signature:

# Ratnesh

Metal Industries Pvt. Ltd.

ISO 9001 : 2008 Certified Company

MAGN  
QC2

13530

## MILL TEST CERTIFICATE AS PER EN-10204 3.1

Customer Name :-

MAGNA STAINLESS O/A CANADIAN  
SPECIALTY METALS ULC.  
5775 RUE KIERAN, ST. LAURENT,  
QUEBEC, H4S 0A3  
CANADA

F/QA/824/04

REV:00

T.C No : E/0170

DATE OF ISSUE: 27/12/2011

INVOICE NO: RMIPL/EXP/192/2011-12

TYPE OF MATERIAL

: STAINLESS STEEL ROUND BRIGHT BARS.

GRADE

: AISI 303/1.4305 & 304L/1.4307 & 316L/1.4404

QTY

: 12706 Kgs.

COLOUR CODE

: 303/1.4305 (RED+BLACK) 304L/1.4307 (GREEN+WHITE) 316L/1.4404 (RED+WHITE)

12706 Kgs  
2106/13

We hereby certify that material description herein have been manufactured and tested with

Satisfactory result in accordance with ASTM-A 276-08a, ASTM A479/A479m-08, ASTM-A-562/A-562M-05, DIN EN 10008-3, ASME SA 479.

### CHEMICAL COMPOSITION

GRADE	SHAPE	SIZE (inch)	LENGTH (FT.)	PCS	QTY (Kgs)	ILNo	SUPPLY COND	C%	Mn%	Si%	S%	P%	Cr%	Ni%	Mo%	N2%
304L/1.4307	ROUND	1/4"	12'-12"2"	1106	1018	J-323	Cold Drawn, Polished, Round Bright Bars.	0.029	1.52	0.35	0.024	0.045	18.50	8.02	-	0.0700
304L/1.4307	ROUND	1-1/4"	12'-12"2"	40	914	J-791	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.026	0.79	0.54	0.022	0.040	18.20	8.10	-	0.0650
304L/1.4307	ROUND	2-3/4"	12'-12"2"	20	898	J-810	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.023	1.22	0.42	0.013	0.044	18.35	8.04	-	0.0697
304L/1.4307	ROUND	2"	12'-12"2"	24	1417	J-810	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.023	1.22	0.42	0.013	0.044	18.35	8.04	-	0.0697
304L/1.4307	ROUND	2-1/2"	12'-12"2"	16	1472	J-810	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.023	1.22	0.42	0.013	0.044	18.35	8.04	-	0.0697
304L/1.4307	ROUND	3-1/2"	12'-12"2"	3	542	629	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.030	1.60	0.48	0.014	0.044	18.35	8.27	-	0.0690
316L/1.4404	ROUND	7/8"	12'-12"2"	45	514	J-508	Cold Drawn, Polished, Round Bright Bars.	0.029	1.00	0.50	0.024	0.045	16.00	10.11	2.00	0.0580
316L/1.4404	ROUND	1-1/4"	12'-12"2"	41	942	J-805	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.022	0.70	0.54	0.024	0.045	16.65	10.04	2.00	0.0700
316L/1.4404	ROUND	2"	12'-12"2"	60	3570	J-805	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.022	0.70	0.54	0.024	0.045	16.65	10.04	2.00	0.0700
303/1.4305	ROUND	2"	12'-12"2"	35	2047	C132	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.043	1.77	0.40	0.310	0.037	17.81	8.27	-	0.0640
303/1.4305	ROUND	2-1/2"	12'-12"2"	14	1274	C132	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.043	1.77	0.40	0.310	0.037	17.81	8.27	-	0.0640
303/1.4305	ROUND	3"	12'-12"2"	22	2786	C132	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.043	1.77	0.40	0.310	0.037	17.81	8.27	-	0.0640
303/1.4305	ROUND	3-1/4"	12'-12"2"	2	312	C132	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.043	1.77	0.40	0.310	0.037	17.81	8.27	-	0.0640

### MECHANICAL PROPERTIES

GRADE	SHAPE	SIZE (inch)	TOL.	HEAT No.	U.T.S (Mpa)	Y.S. (Mpa)	Elongation %	RA %	Hardness (BHN)
304L/1.4307	ROUND	1/4"	h-9	J-323	684	485	44	69	209
304L/1.4307	ROUND	1-1/4"	h-9	J-791	657	467	47	71	165
304L/1.4307	ROUND	1-3/4"	h-9	J-810	584	420	44	68	162
304L/1.4307	ROUND	2"	h-9	J-810	587	422	49	71	175
304L/1.4307	ROUND	2-1/2"	h-11	J-810	575	414	50	68	171
304L/1.4307	ROUND	3-1/2"	h-11	629	559	403	46	74	165
316L/1.4404	ROUND	7/8"	h-9	J-508	674	478	44	71	208
316L/1.4404	ROUND	1-1/4"	h-9	J-805	627	448	45	68	165
316L/1.4404	ROUND	2"	h-9	J-805	628	448	44	71	160
303/1.4305	ROUND	2"	h-9	C132	627	448	46	64	179
303/1.4305	ROUND	2-1/2"	h-11	C132	594	426	47	69	175
303/1.4305	ROUND	3"	h-11	C132	589	423	48	71	156
303/1.4305	ROUND	3-1/4"	h-11	C132	658	456	45	69	159

Surface Inspection & Dimension & Chemical Composition as per order requirements.

Strengthness tolerance is according to the Requirement of DIN EN 10278.

LC & CONTRACT DETAILS: RMIPL/SC/071/2011-12 DTD 21.07.2011, P.O. NO. P015530 DTD 20.07.2011, LC NO. 653422-02 DTD 20.11.0831

Signature

Approved by (MANAGER (QC))

2048761

327-A, Akshar Arcade, Opp. Memnagar Fire Station, Navrangpura, Ahmedabad-380 009, Gujarat, India.

Ph : +91-79-26401487 / 88 / 89 / 97, Fax : +91 - 79 - 26400722 Email : mail@ratneshmetal.com

Regd. Off. & Works : Survey No. 900, Village Ranasan, Tal. Vijapur, Dist. : Mehsana, Pin - 382870, Gujarat (India). Ph. : +91 - 2763 - 284481, 284943

Tele/Fax : +91 - 2763 - 284552 Web : www.ratneshmetal.com



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO17592**

Purchase Order Date 8/1/2012  
PO Print Date 8/1/2012

Page Number 1 of 2

Order From :

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name  
Vendor Phone 800 363 6646  
Vendor Fax 514 339 1105  
Vendor Account Nbr

Buyer Brigitte Golden  
Requisition Nbr  
Tax Resale Nbr 10127-2607  
Terms Net 30  
Currency CAD  
FOB Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
2	M304R0.4375	✓ 304 ROUND BAR 0.4375	8/3/2012 Yes	48.00 f	Yours ppd	\$1.6667	\$80.00
		Special Inst: MAT: AISI 304/316 SS ROUND BAR (NOTE: AISI 303 NOT ACCPETABLE) SPEC: ASTM A276					
3	M304R.250	✓ 304 SS Round bar .250	8/3/2012 Yes	48.00 f	Yours ppd	\$0.8333	\$40.00
		Special Inst: SAME AS ABOVE					
4	M303R2.000	✓ 303 ROUND BAR 2"	8/3/2012 Yes	24.00 Each	Yours ppd	\$27.9167	\$670.00
		Special Inst: MAT: AISI 303SS ROUND BAR (NOTE: AISI 304/316 NOT ACCPETABLE) 2 PC					

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required - YES NO

Change Nbr: 2

Change Date: 8/1/2012

68 12-8-13



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO17592**

Purchase Order Date 8/1/2012

PO Print Date 8/1/2012

Page Number 2 of 2

Order From :

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name

Vendor Phone 800 363 6646

Vendor Fax 514 339 1105

Vendor Account Nbr

Buyer

Brigitte Golden

Requisition Nbr

10127-2607

Tax Resale Nbr

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

5

SURCHARGE ON  
CARBURANT

8/3/2012

1.00 Yours ppd

\$25.0000

\$25.00

No

PO Total:

\$815.00

2012-8-13

Change Nbr: 2

Change Date: 8/1/2012

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required - YES NO